

## CLAIMS

### What Is Claimed Is:

- 1 1. A lighting apparatus for a liquid crystal display  
2 comprising:
- 3 a. an array of light emitting diodes disposed  
4 alongside said liquid crystal display for providing  
5 illumination thereof;
- 6 b. light pipes for transmitting light from said  
7 light emitting diodes across a plane parallel with said  
8 liquid crystal display; and,
- 9 c. a filter disposed between said array and said  
10 light pipes for filtering out infra-red light from said  
11 light emitting diodes.
- 1 2. An apparatus as in Claim 1 wherein said array of  
2 light emitting diodes include diodes emitting only red  
3 light.
- 1 3. An apparatus as in Claim 1 wherein said array of  
2 light emitting diodes include diodes emitting only blue  
3 light.

10 c. filters disposed between each of said arrays and  
11 said light pipes for filtering out infra-red light from  
12 said light emitting diodes.

1 8. An apparatus as in Claim 7 wherein each of said  
2 arrays of light emitting diodes include diodes emitting  
3 only red light.

1 9. An apparatus as in Claim 7 wherein each of said  
2 arrays of light emitting diodes include diodes emitting  
3 only blue light.

1 10. An apparatus as in Claim 7 wherein each of said  
2 arrays of light emitting diodes include diodes emitting  
3 only green light.

1 11. A method for illuminating a liquid crystal display  
2 for viewing by:

3 a. activating an array of light emitting diodes of  
4 a first color adjacent light pipes disposed alongside said  
5 liquid crystal display; and,

6 b. filtering infra-red light emitted by said array  
7 of light emitting diodes.

1 12. The method as in Claim 11 wherein said first color is  
2 red.

1 13. The method as in Claim 11 wherein said first color is  
2 green.

